

Attorney Docket No.: CING-126
Appl. Ser. No.: 10/662,656

PATENT

IN THE CLAIMS

1. Canceled.

2. (Presently amended) A device comprising:

logic which, when applied to the processor, results in

locating a subscriber identifier corresponding to an IP address;

locating subscriber information corresponding to the identifier; and

~~determining whether a subscriber has access to a requested service authenticating a subscriber for access to a requested service based upon receiving a code from a terminal device, the code indicating that a unique username and password will not be provided by the terminal device.~~

~~in response to receiving a code from a terminal device, the code indicating that a unique username and password will not be provided by the terminal device.~~

3. (Original) The device of claim 2 further comprising:

logic which, when applied to the processor, results in communication of the code and IP address to a service provider.

4. (Previously Presented) The device of claim 2 further comprising:

logic which, when applied to the processor, results in forming an account name from the identifier.

5. (Previously Presented) The device of claim 2 wherein the identifier is an MSISDN.

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6. (Original) The device of claim 5 further comprising:

logic which, when applied to the processor, results in querying a RADIUS server to locate the subscriber identifier corresponding to the IP address.

7. (Original) A terminal device comprising:

a processor; and

logic which, when applied to the processor, results in communicating to a network, in lieu of a user name and password, a code to cause the network to authenticate and authorize access to a service, the authentication and authorization based upon an IP address assigned to the terminal device by the network and upon a unique identifier provided by the terminal device to the network during an earlier attach process.

8. (Original) The terminal device of claim 7 further comprising:

client logic associated with a service provider, which, when applied to the processor to access the service provider, results in communicating the code and IP address to the network in lieu of communicating a user name and password.

9. (Currently Amended) A method comprising:

receiving authentication information from a terminal device during an initial sign-on;
authenticating the terminal device;

receiving a code from [[a]] the terminal device that indicates that a user name and password will not be provided by the terminal device;

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locating a subscriber identifier corresponding to an IP address of the terminal device;
locating subscriber information corresponding to the identifier; and
~~determining whether a subscriber has access to a requested service authorizing the~~
~~terminal device to access a requested service based on the code and the authentication~~
~~information.~~

10. (Original) The method of claim 9 further comprising:

communicating the code and IP address to at least one service provider to obtain authorization for the services of the at least one service provider.

11. (Original) The method of claim 9 further comprising:

forming from the identifier an account name for the subscriber.

12. (Original) The method of claim 9 wherein the identifier is an MSISDN.

13. (Original) The method of claim 12 further comprising:

querying a RADIUS server to locate the MSISDN corresponding to the IP address.